

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	158	KWON-PETER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:01
S2	518	LEE-Y-W LEE-Y-W-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:35
S3	99	("6306100" "6287765" "4539698" "5892695" "4821116" "6332029" "5453796" "4858508" "4982644" "4956711" "6369038" "5631605" "5843093" "6263225" "5521766" "4273017" "50102195275365" "5315076" "6236003" "4502151" "5411623" "5880539" "6139507" "4410826" "5194863" "4312054" "4796725" "4920237" "4931606" "6086448" "6208741" "6218966" "6218966" "6516074" "4870970" "4500977" "5262884" "5466884" "6154551" "4809329" "5467775" "5557299" "6324907" "6663575" "6009229" "5864368" "5982444" "5917563" "6034962").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:47
S4	50	("6104472" "6141066" "6359665" "5774532" "4079212" "4954752" "5375159" "5923643" "6078350" "6295587" "6363065" "4949179" "5638125" "5812054" "6069462" "6094134" "4821088" "5347319" "6025835" "6002077" "4463608" "4467360" "5710993" "5854618" "4388650" "4420730" "4975928" "5644368" "4307394" "5444740" "5583512" "6037917" "5563660" "5774174" "5311457" "5999690" "6094224" "6144700" "6208803" "5023712" "5241663" "5280351" "5532831" "5576766" "5933534" "6014493" "6272179" "4959726" "5027235" "5223968") .pn.	USPAT	OR	ON	2004/09/27 23:48

S5	50	("5255064" "5436653" "5450489" "5504518" "5572246" "5612729" "5621454" "5710553" "6538398" "6697516" "5481192" "5905521" "4539699" "4914515" "4949384" "5524099" "5623422" "5644872" "5847660" "6180312" "6353703" "4281221" "4408516" "4484345" "4759070" "4791899" "4885782" "4901060" "4960109" "5345221" "5360006" "5514840" "5525767" "5573403" "5599111" "5857027" "5895220" "5996230" "6075324" "6208742" "6300553" "6332061" "4862505" "4462669" "4834375" "4885776" "5276734" "6100830" "5793261" "5500612").pn.	USPAT	OR	ON	2004/09/27 23:50
S6	19	lee-young-woo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 23:54
S7	0	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:27
S8	0	S1 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:27
S9	0	(LEE-Y-W LEE-Y-W-A) and acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:36
S10	188122	acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:37
S11	84	(S3 S4 S5 ) and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:37
S12	4398	membrane adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 21:15
S13	2	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 21:13

S14	11	wallpaper and "200"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:50
S15	0	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 20:50
S16	0	acoustic near strip near wallpaper	IBM_TDB	OR	ON	2004/09/27 20:53
S17	0	acoustic near wallpaper	IBM_TDB	OR	ON	2004/09/27 20:52
S18	0	acoustic same wallpaper	IBM_TDB	OR	ON	2004/09/27 20:53
S19	0	acoustic and wallpaper	IBM_TDB	OR	ON	2004/09/27 20:53
S20	8656	membrane switch	IBM_TDB	OR	ON	2004/09/27 20:55
S21	33	membrane near switch	IBM_TDB	OR	ON	2004/09/27 20:56
S22	33	membrane adj switch	IBM_TDB	OR	ON	2004/09/27 20:56
S23	2	"3503031".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S24	1	"3981757".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S25	1	"4143179".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S26	1	"4349712".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S27	1	"4439647".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S28	1	"4539554".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S29	1	"4795861".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:07
S30	2	"3503031".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S31	1	"3981757".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S32	1	"4349712".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S33	1	"4439647".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S34	1	"4539554".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S35	1	"4795861".PN.	USPAT; USOCR	OR	ON	2004/09/27 21:09
S36	1	acoustic near picture near board	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 21:14

S37	4676	membrane near switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:10
S38	180	membrane near switch and acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 21:21
S39	29	membrane near switch same acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:05
S40	1	membrane near switch and acoustic and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:06
S41	88	switch and acoustic and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:06
S42	5	switch same acoustic and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:07
S43	1	switch same acoustic same wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:06
S44	31	membrane near switch and graphic near layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:12
S45	1	acoustic adj micro adj chip and speaker and power near switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:13
S46	1	acoustic adj micro adj chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:14
S47	4698	speaker and power near switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:14
S48	1	acoustic near (micro adj chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:14

S49	1	sound near (micro adj chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:16
S50	561	membrane near switch and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:18
S51	8	membrane near switch and audio and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:33
S52	1	membrane near switch same audio and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:19
S53	17	sound near (micro adj chip or microchip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:39
S54	4	sound near (micro adj chip or microchip) and membrane and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 22:40
S55	7	381/312-332.ccls. and membrane near switch	USPAT	OR	ON	2004/09/27 22:48
S58	0	381/312-332.ccls. and membrane near switch and (microchip or micro adj chip)	USPAT	OR	ON	2004/09/27 22:51
S59	1	381/312-332.ccls. and membrane and (microchip or micro adj chip)	USPAT	OR	ON	2004/09/27 22:53
S61	129	381/26.ccls.	USPAT	OR	ON	2004/09/27 23:27
S62	8	381/26.ccls. and membrane	USPAT	OR	ON	2004/09/27 22:57
S63	8	381/26.ccls. and membrane and sound	USPAT	OR	ON	2004/09/27 22:57
S64	8	381/26.ccls. and membrane and sound and acoustic	USPAT	OR	ON	2004/09/27 22:58
S65	11	"381"/\$.ccls. and membrane near switch	USPAT	OR	ON	2004/09/27 23:00
S66	182433	membrane switch and inter-digit\$4	USPAT	OR	ON	2004/09/27 23:01
S67	743	inter-digit\$4	USPAT	OR	ON	2004/09/27 23:14
S68	4	S37 and S67	USPAT	OR	ON	2004/09/27 23:14
S69	1	"3916360".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S70	1	"4085306".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04

S71	1	"4258096".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S72	1	"4264797".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S73	1	"4271333".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S74	1	"4301337".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S75	1	"4307275".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:04
S76	2	"3054879".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:07
S77	1	"3699294".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S78	1	"3728509".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S79	1	"3760137".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S80	1	"3761944".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S81	1	"3932722".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S82	1	"4081631".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S83	1	"4127758".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S84	1	"4343975".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S85	1	"4378478".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S86	1	"4421966".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S87	1	"4491702".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S88	1	"4532575".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S89	1	"4536625".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S90	1	"4634818".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:08
S91	2	"3308253".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:10
S92	1	"3699294".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:10
S93	1	"3676607".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:10

S94	2	"3372246".PN.	USPAT; USOCR	OR	ON	2004/09/27 23:11
S95	32776	inter-leaved or interleaved	USPAT	OR	ON	2004/09/27 23:14
S96	7747	inter-digit\$4 or interdigitated	USPAT	OR	ON	2004/09/28 23:35
S97	38	S37 and S96	USPAT	OR	ON	2004/09/27 23:20
S98	4	S37 and S96 and speaker	USPAT	OR	ON	2004/09/27 23:21
S99	0	S37 and S96 and speaker and microchip	USPAT	OR	ON	2004/09/27 23:21
S100	0	S37 and S96 and speaker and micro-chip	USPAT	OR	ON	2004/09/27 23:21
S101	3756	(S95 or S96) and sound	USPAT	OR	ON	2004/09/27 23:22
S102	29	(S95 or S96) and sound and microchip	USPAT	OR	ON	2004/09/27 23:23
S103	8	(S95 or S96) and sound and microchip and membrane	USPAT	OR	ON	2004/09/27 23:23
S104	28	"434"/\$.ccls. and wallpaper	USPAT	OR	ON	2004/09/27 23:27
S105	6	"434"/\$.ccls. and wallpaper and switch	USPAT	OR	ON	2004/09/27 23:28
S106	4	"434"/\$.ccls. and wallpaper and switch and sound	USPAT	OR	ON	2004/09/27 23:29
S107	0	"434"/\$.ccls. and wallpaper and mmbrane adj switch and sound	USPAT	OR	ON	2004/09/27 23:29
S108	0	"434"/\$.ccls. and wallpaper and membrane adj switch and sound	USPAT	OR	ON	2004/09/27 23:29
S109	45	"434"/\$.ccls. and membrane adj switch and sound	USPAT	OR	ON	2004/09/27 23:30
S110	743	inter-digit\$4 or interdigitated and 200/406.ccls.	USPAT	OR	ON	2004/09/27 23:35
S111	1	( inter-digit\$4 or interdigitated or interleaved) and 200/406.ccls.	USPAT	OR	ON	2004/09/27 23:34
S112	1	(interleaved or interdigitated) and 200/406.ccls.	USPAT	OR	ON	2004/09/28 23:26
S113	1	(interleaved or interdigitated) and 200/406.ccls. and dome	USPAT	OR	ON	2004/09/27 23:41
S114	3	(interleaved or interdigitated) near (contact or electrode) and dome near (contact or electrode)	USPAT	OR	ON	2004/09/27 23:44
S115	0	(interleaved or interdigitated) near (contact or electrode) same dome near (contact or electrode)	USPAT	OR	ON	2004/09/27 23:43

S11 6	50	("5255064" "5436653" "5450489" "5504518" "5572246" "5612729" "5621454" "5710553" "6538398" "6697516" "5481192" "5905521" "4539699" "4914515" "4949384" "5524099" "5623422" "5644872" "5847660" "6180312" "6353703" "4281221" "4408516" "4484345" "4759070" "4791899" "4885782" "4901060" "4960109" "5345221" "5360006" "5514840" "5525767" "5573403" "5599111" "5857027" "5895220" "5996230" "6075324" "6208742" "6300553" "6332061" "4862505" "4462669" "4834375" "4885776" "5276734" "6100830" "5793261" "5500612").pn.	USPAT	OR	ON	2004/09/27 23:50
S11 7	80	200/406,512-517,5r,5a.ccls. and (interleaved or interdigitated)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 23:58
S11 8	7	200/406,512-517,5r,5a.ccls. and (interleaved or interdigitated) and speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 23:58
S11 9	243	200/406.ccls.	USPAT	OR	ON	2004/09/28 23:26
S12 0	63	200/406.ccls. and dome	USPAT	OR	ON	2004/09/28 23:26
S12 1	8	membrane near switch and audio and wallpaper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 23:33
S12 2	32830	inter-leaved or interleaved	USPAT	OR	ON	2004/09/28 23:34
S12 3	7759	inter-digit\$4 or interdigitated	USPAT	OR	ON	2004/09/28 23:35
S12 4	8	(S122 or S123) and sound and microchip and membrane	USPAT	OR	ON	2004/09/28 23:49
S12 5	0	acoustic near (micro-chip or microchip)	USPAT	OR	ON	2004/09/28 23:50
S12 6	258	spacer near (bump or dot)	USPAT	OR	ON	2004/09/28 23:51
S12 7	4	spacer near (bump or dot) and "434"/\$.ccls.	USPAT	OR	ON	2004/09/28 23:52
S12 8	28	spacer near (bump or dot) and "200"/\$.ccls.	USPAT	OR	ON	2004/09/28 23:57
S12 9	228	S126 not (S127 or S128)	USPAT	OR	ON	2004/09/28 23:53

S13 0	3	S126 not (S127 or S128) and microchip	USPAT	OR	ON	2004/09/28 23:53
S13 1	0	S126 not (S127 or S128) and micro-chip	USPAT	OR	ON	2004/09/28 23:53
S13 2	0	S126 not (S127 or S128) and micro adj chip	USPAT	OR	ON	2004/09/28 23:53
S13 3	4	spacer near (bump or dot) and "434"/\$.ccls.	USPAT	OR	ON	2004/09/29 22:37
S13 4	4	spacer near (bump or dot) and "434"/165-370.ccls.	USPAT	OR	ON	2004/09/29 22:38
S13 5	9	200/293-307,308-317,512-517.CCLS. AND "434"/\$.ccls.	USPAT	OR	ON	2004/09/29 22:43
S13 6	0	200/302.1-302.3.CCLS. AND "434"/\$. ccls.	USPAT	OR	ON	2004/09/29 22:43

## WEST Search History

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*DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR*

L1 membrane near switch and audio and wallpaper 8

END OF SEARCH HISTORY